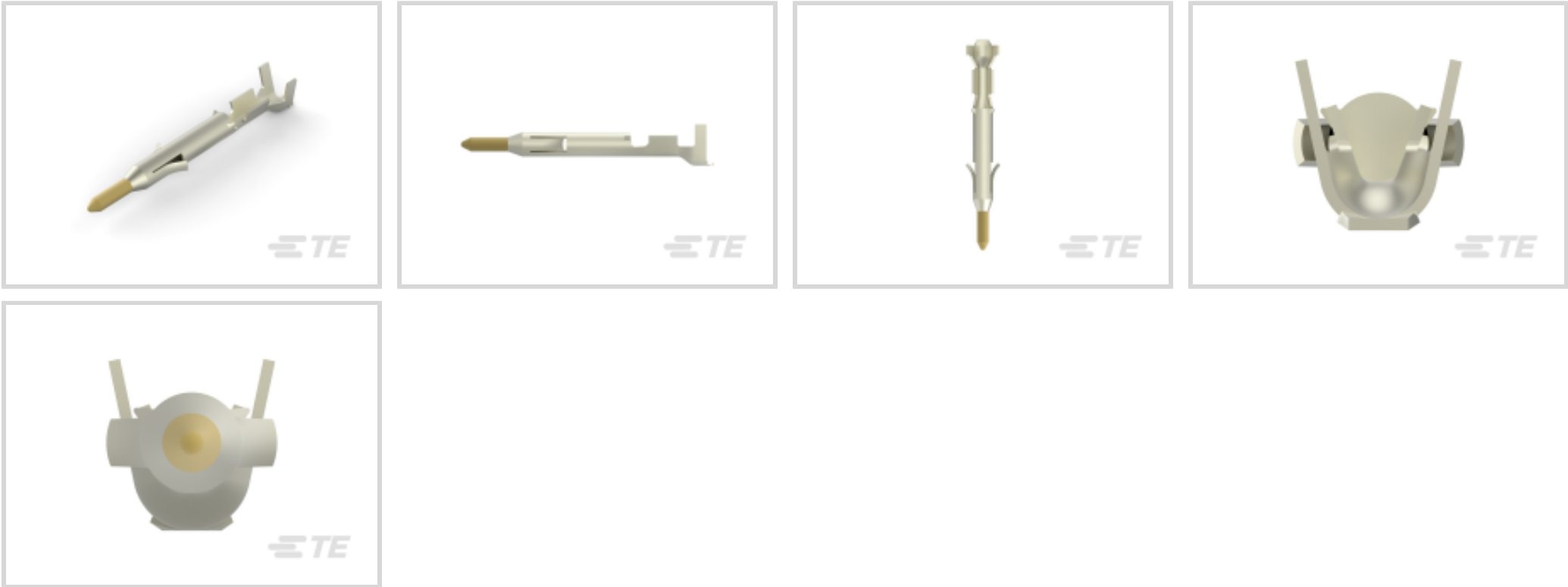




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Gold (Au)**
Wire Contact Termination Area Plating Material: **Gold**
Operating Voltage: **600 VDC**

Features

Product Type Features

Discrete Wire Type	Stranded
--------------------	----------

Electrical Characteristics

Operating Voltage	600 VDC
-------------------	---------

Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	1 mm[.039 in]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Wire Contact Termination Area Plating Thickness	.76 µm[30 µin]
Barrel Type	Open
Contact Type	Pin
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Gold
Contact Retention Within Housing	With



Contact Base Material	Brass
Contact Current Rating (Max)	7 A

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	Without
-------------------------	---------

Dimensions

Compatible Insulation Diameter Range	1.19 – 1.75 mm[.047 – .069 in]
Wire Size	.12 – .35 mm²

Usage Conditions

Operating Temperature Range	-20 – 105 °C[-4 – 221 °F]
-----------------------------	---------------------------

Operation/Application

Circuit Application	Power
---------------------	-------

Industry Standards

Compatible With Agency/Standards Products	CSA, UL
---	---------

Packaging Features

Packaging Quantity	300
Packaging Method	Bag

Product Compliance

For compliance documentation, visit the product page on TE.com>

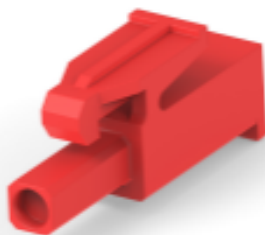
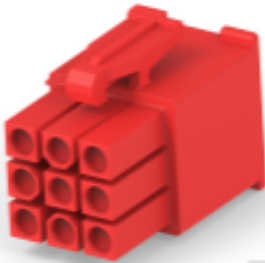
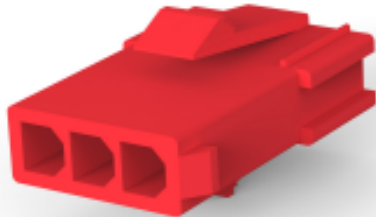
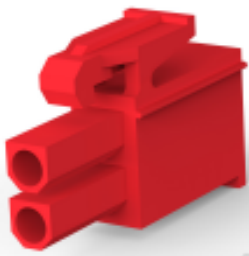
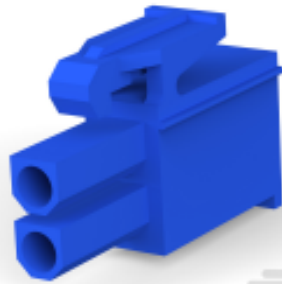
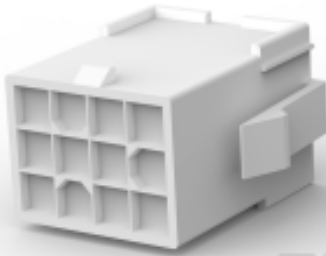
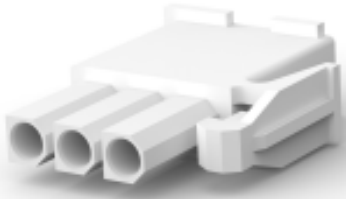
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability



Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

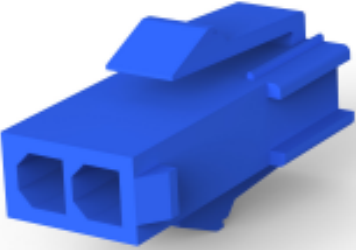
Compatible Parts

 TE Part # 1-172164-2 MINI UNIVERSAL M-N-L PLUG 1P	 TE Part # 1-172169-2 MINI UNIVERSAL M-N-L PLUG 9P	 TE Part # 1-172158-2 MINI-U-M-N-L 3P CAP RED	 TE Part # 1-172158-6 MINI-U-M-N-L 3P CAP BLUE
 TE Part # 1-172336-2 UNIVERSAL MATE-N-LOK PLUG 2P	 TE Part # 1-172330-9 UNIVERSAL MATE-N-LOK CAP 4P	 TE Part # 1-172336-6 UNIVERSAL MATE-N-LOK PLUG 2P	 TE Part # 172162-1 12 CIR UNIV M-N-L CAP
 TE Part # 172166-1 3 CIR UNIV M-N-L PLUG	 TE Part # 90758-1 PROCrimp TL W/DIE MIN UNIV MNL	 TE Part # 172327-1 UNIV M-N-L HSG	 TE Part # 172332-1 MINI UNIVERSAL MATE-N-LOK CAP HOUSING 9P

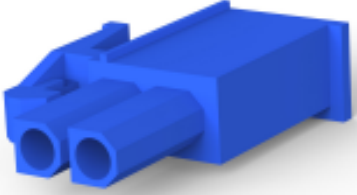




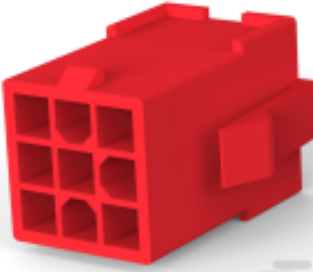
TE Part # 172344-1
MINI UNIVERSAL MATE-N-LOK CAP HOUSING 3P



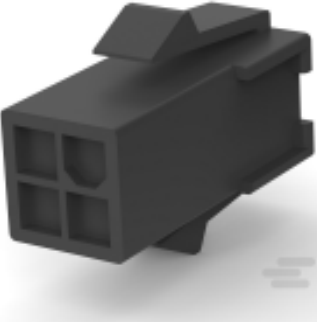
TE Part # 1-172157-6
2CIR MINI U-M-N-L CAP BLUE



TE Part # 1-172165-6
2CIR MINI U-M-N-L PLUG BLUE



TE Part # 1-172332-9
MUMNL PM CAP 9P



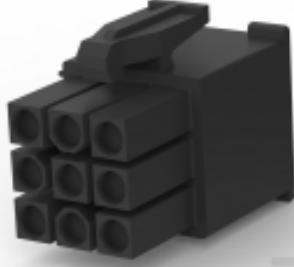
TE Part # 1-172159-9
MINI UNIVERSAL M-N-L CAP 4P



TE Part # 172328-1
MINI UNIVERSAL MATE-N-LOK CAP HOUSING 2P



TE Part # 172343-1
MINI UNIVERSAL M-N-L HOUSING



TE Part # 1-172169-9
9 POS TR MINI UNIV

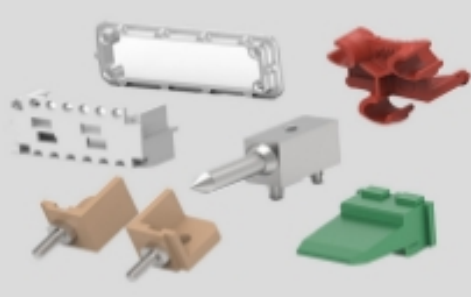
Also in the Series | Mini-Universal MATE-N-LOK



Connector Caps & Covers(2)



Connector Contacts(89)



Connector Hardware(4)



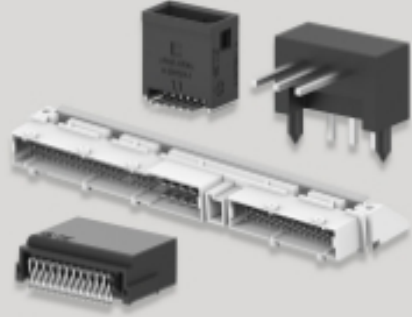
Connector Seals & Cavity Plugs(17)



Connector Strain Relief(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(93)



Rectangular Power Connectors(196)



Wire-to-Board Headers & Receptacles (93)

Customers Also Bought

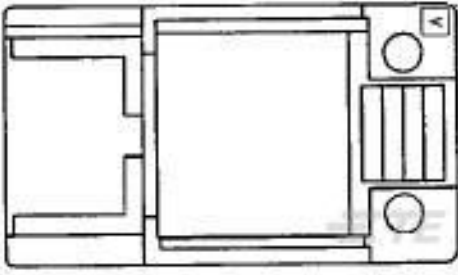




TE Part #172344-1
MINI UNIVERSAL MATE-N-LOK CAP HOUSING 3P



TE Part #2-330648-1
PIDG 22-16 22-18 MIL R 4; TAPE



TE Part #316455-1
M-U-M-N-L CAP CABLE CLAMP



TE Part #1445807-3
PLUG, 11-9, LG INS, STD KEY



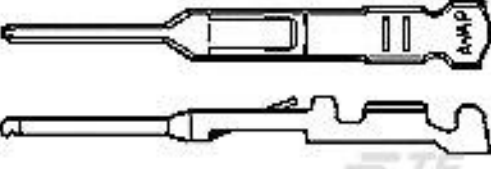
TE Part #170365-1
MINI UNIVERSAL M-N-L SOCKET LP



TE Part #316034-006
55A1121-22-2/6-9



TE Part #1-917511-3
DYNAMIC D-3 REC CONT. 2L 0.76 L/P



TE Part #170429-3
SERIE EI STIFTKONT



TE Part #172157-1
2CIR MINI U-M-N-L CAP NATL

TE Part #4-1768602-6
LBC-13030

Documents

Product Drawings

MINI UNIVERSAL M-N-L PIN LP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_170363-3_1_c-170363-3-1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_170363-3_1_c-170363-3-1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_170363-3_1_c-170363-3-1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications



Crimping of Mini-Universal MATE-N-LOK Contact

Japanese

Application Specification

Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

Japanese

Mini-Universal MATE-N-LOK Connector

Japanese

Agency Approvals

UL Report

English